



## CLEAN VERSION OF PENDING CLAIMS

### ANTIPERSPIRANT DEODORANT EMULSION

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Serial No.: 09/941,164

B1  
1. A stable antiperspirant deodorant roll-on, spray, or wipable emulsion product, that does not break down under multiple cycles of heating and cooling, comprising:

a first aqueous phase, comprising a phase inversion temperature phase, comprising : an oil phase consisting of glyceryl stearate, cetareth-20, cetyl palmitate, cetearyl alcohol and cetareth-12, dicaprylyl ether, coco-caprylate/caprate, steareth-2, PPG 15, and stearyl ether, and a water phase;

a second aqueous phase, comprising water in a concentration of about 5 to 50% and glycerin, wherein the combination of the first aqueous phase and the second aqueous phase forms a phase inversion temperature emulsion that does not break down under multiple cycles of heating and cooling; and

an antiperspirant.

2. The antiperspirant deodorant emulsion product of claim 1 wherein the phase inversion temperature phase is blue in an absence of a coloring agent.

3. The antiperspirant deodorant emulsion product of claim 1 and further comprising a receptacle for containing the antiperspirant deodorant emulsion.

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4. The antiperspirant deodorant emulsion of claim 1 wherein the first aqueous phase comprises glyceryl stearate, cetareth-20, cetyl palmitate, cetearyl alcohol, cetareth-12, and dicaprylyl ether.

5. The antiperspirant deodorant emulsion of claim 1, further comprising a fragrance.

6. A stable roll-on, spray or wipable antiperspirant deodorant emulsion, resistant to repeated cycles of heating and cooling, comprising:

a phase inversion temperature phase, consisting of: glyceryl stearate, cetareth-20, cetyl palmitate, cetaryl alcohol, cetareth-12, dicaprylyl ether, and coco-caprylate/caprate; and an anti-perspirant.

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7. An antiperspirant roll-on deodorant, comprising:  
a phase inversion temperature phase comprising steareth-2, PPG 15 stearyl ether; and an antiperspirant.
8. The antiperspirant deodorant of claim 1 wherein the antiperspirant comprises aluminum chlorohydrate.
9. The antiperspirant deodorant of claim 7 wherein the antiperspirant comprises aluminum sesquichlorohydrate.
10. The antiperspirant deodorant of claim 3 wherein the receptacle comprises a mechanism for releasing the emulsion as a spray.
11. The antiperspirant deodorant of claim 3 wherein the receptacle comprises a mechanism for releasing the emulsion as a roll-on.
12. The antiperspirant deodorant of claim 3 wherein the receptacle releases the emulsion from a wipe.
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13. A wipe comprising:  
a carrier having one or more of a cellulosic structure, a non-woven structure, foam or a combination of the cellulosic structure, foam, and non-woven structure; and an antiperspirant emulsion, comprising:  
a first aqueous phase, comprising a phase inversion temperature phase, comprising steareth-2, PPG 15 stearyl ether, and water;

a second aqueous phase, comprising water in a concentration of about 5 to 50%, wherein the combination of the first aqueous phase and the second aqueous phase forms a phase inversion temperature emulsion that does not break down under multiple cycles of heating and cooling; and  
an antiperspirant, wherein the antiperspirant emulsion contacts the carrier.

23 14. An antiperspirant deodorant stable spray emulsion product, comprising:  
an emulsion comprising:

a first aqueous phase, comprising a phase inversion temperature phase,  
comprising : an oil phase consisting of glyceryl stearate, ceteareth-20, cetyl  
palmitate, cetearyl alcohol and ceteareth-12, dicaprylyl ether, coco-  
caprylate/caprate, steareth-2, PPG 15, and stearyl ether, and a water phase;

a second aqueous phase, comprising water in a concentration of about 5 to  
50% and glycerin, wherein the combination of the first aqueous phase and  
the second aqueous phase forms a phase inversion temperature emulsion  
that does not break down under multiple cycles of heating and cooling;  
[and]

an antiperspirant; and

a container comprising a mechanism for delivering the emulsion as an aerosol.

24 15. The antiperspirant deodorant stable spray emulsion product of claim 14, wherein the  
mechanism for delivering the emulsion is a spray nozzle. 23

25 16. The antiperspirant deodorant stable spray emulsion product of claim 14 wherein the  
container is squeezable. 23

26 17. The antiperspirant deodorant stable spray emulsion product of claim 14 wherein the  
container is pressurized. 23

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27/18. The antiperspirant deodorant stable emulsion product of claim 14, further comprising one or more of preservatives, vitamins, antioxidants, enzymes, colors, and coenzymes.

28/19. The stable antiperspirant deodorant roll-on, spray, or wipable emulsion product, that does not break down under multiple cycles of heating and cooling, further comprising one or more of preservatives, vitamins, antioxidants, enzymes, colors, and coenzymes.